

SECRET

NPIC/TSSG/RED-1779-69
29 August 1969

MEMORANDUM FOR THE RECORD

SUBJECT: PAR 253, AL-14: "Stereogram Printer Optical Feasibility Study"

REFERENCE: (a) NPIC/TSSG/RED-1766-69

25X1 1. The attached message from [] indicates a need for clarification
25X1 of the subject optical design parameters. In a routine phone call from
[] (Chief Project Engineer on this PAR) made on the same day
(12 August 1969) the message was sent, he mentioned that the lens designers
were having some difficulty with the parameters laid down on 31 July. When
I offered to visit them before my next scheduled monitoring trip (approx-
imately 3 September 1969), he said that would not be necessary and more
analysis with which to make a decision would be available at that date.

2. My referenced memorandum describes the thinking that went into the
mutually-agreed-upon decision to set the 2X-4X system before the lens
designers as a design goal. We both recognized the possible need to retreat
from that position to something like a 5X-10X system. It was our intention
to bound the general problem and leave the [] designers with room to experi-
ment towards the most desirable design. I can't help but feel that there
is some lack of communication within [] over this matter. 25X1

3. During my absence on a business trip on the work day following
the receipt of this attached message, [] described our thinking
over the telephone to [] who had been unavailable the previous
day. Ray also forwarded an official message confirming that the misunder-
standing will be cleared up during a 3-5 September visit. 25X1

4. In a telephone conversation with [] on 21 August, Ray and I
re-emphasized that maintaining 200 lines/mm resolution is the primary re-
quirement and format coverage will vary according to the best optical design
to achieve that performance. [] lens designers will continue on that basis
and I will discuss all facts of the problem on 3-5 September. 25X1

[]
TSSG/RED/SRB 25X1

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Declass Review by
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(27 Aug 69)

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